

DERWENT-ACC-NO: 1988-329471

DERWENT-WEEK: 198846

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TITLE: Complex range finder e.g. for radio navigation - has
integrator to form signal proportional to phase of
received signal

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PRIORITY-DATA: 1986SU-4093370 (July 25, 1986)

PATENT-FAMILY:

PUB-NO PUB-DATE

SU 1396103 A May 15, 1988

LANGUAGE
N/A

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MAIN-IPC
N/A

APPLICATION-DATA:

PUB-NO APPL-DESCRIPTOR

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INT-CL (IPC): G01S013/86

ABSTRACTED-PUB-NO: SU 1396103A

BASIC-ABSTRACT:

The input radio-signal, containing information about range, passes through a
phase **rectifier**, amplifiers and a summer to **integrator** (25), forming a voltage
proportional to the phase of the received signal, used to adjust the reference
signal through phase shifter (14). This ensures a more accurate **phase**

adjustment of the reference reference signal for synchronous rectifier (1) and the pahse rectifier, constricting the passband of both radio-technical channels without increasing the dynamic inaccuracy. USE - Measurement of range.
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CHOSEN-DRAWING: Dwg.1/3

TITLE-TERMS: COMPLEX RANGE FINDER RADIO NAVIGATION INTEGRATE FORM SIGNAL
PROPORTION PHASE RECEIVE SIGNAL

DERWENT-CLASS: S02 W06

EPI-CODES: S02-B08; W06-A04X;

SECONDARY-ACC-NO:

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